Sheet 1 of 2 Form PTO-144 DEPARTMENT OF COMMERCE ATTY. DOCKET No. Serial No. 09/681,425 (Rev. 7-80) Patent and Trademark Office Customer No. 006152 03PM-9035 **APPLICANT** LIST OF PRIOR ART CITED BY APPLICANT Karanam et al. (Use several sheets if necessary) Filing Date 03/30/2001 Group U.S. Patent Documents Examiner **Document Number** Name Date Class Filing Date if Subclass Initial Appropriate Me AA 5 10/30/2001 Lothar E.S. Budike, Jr. 700 291 05/29/1998 Me AB 6 09/11/2001 James O. Alexander et. al. 700 03/19/1998 286 AC 1 3 02/06/2001 Kirk H. Drees Mc 01/27/1998 700 295 AD 6 6 He 3 09/19/2000 Lothar E.S. Budike, Jr. 702 06/10/1998 182 ΑE 6 0 ML 1 02/15/2000 Warren P. Williamson et al 03/05/1997 606 40 AF 5 9 8 6 μe 4 11/16/1999 Laurence J. Colton \$70.02 04/23/1998 340 5 8 9 Me AG 0 6 3 04/06/1999 William W. Kelly 239 04/23/1998 AΗ 5 6 9 05/06/1997 Michael K. Bearden et. al. he 05/31/1995 702 62 5 8 11/05/1996 Gregory A. Ehlers et. al. pre ΑI 5 4 200 01/05/1995 295 Me AJ 5 3 8 4 01/31/1995 Paul A. Borba 52 03/16/1996 261 9 M AK 4 ol 4 05/08/1990 Karl L. Reinke Jr. 705 412 04/11/1988 Foreign Patent Documents **Document Number** Date Country Class Subclass Translation Yes No AL AM AN AO AP Other Prior Art (Including, Author, Title, Date, Pertinent Pages, etc.) AR AS AT AU ΑV ĀW Examiner

Date Considered

6/11/03

DEC 1 2 2001 C

Sheet 2 of 2

Form PTO-1449 (Rev. 7-80)		į							COMMERCE k Office	ATTY. DOCKET	Serial No. 09/681,425 Customer No. 006152				
										03PM-9035					
LIST C	F PR	IOR	R AF	RT (CIT	ED	BY	ΑP	PLICANT						
, ((Use s	seve	eral	she	ets	ifr	ece	essa		Filing Date 03/30/20	Group				
									U.S. F	Patent Documents					
Examine)ocı	ume	ent	Nur	nbe	r	Date	Name	Class	Subclass	Filing [
r Initial													Appro	oriate	
pre	AA	4	9	0	1	0	0	7	02/13/1990	Timothy D. Sworm	324	110	08/31/1988		
Mc	AB	4	8	5	5	9	2	2		Paul M. Huddleston et a		295	03/20/		
٣	AC	4	8	3	0	7	5	7	05/16/1989	John T. Lynch et. al.	210	742	10/13/	1987	
ν.	AD	4	6	4	4	3	2	0	02/17/1987	R. Stephen Carr et. al.	340	310.06	09/14/	1984	
fu	ΑE	4	5	8	3	6	8	2	04/22/1986	Orlando Hernandez	236	46R	03/22/	1984	
Me	AF	4	4	8	4	6	2	0	11/27/1984	Thomas K. McHugh	165	11, 3	10/29/	1981	
۲۷	AG	4	1	0	6	0	9	5	08/08/1978	Grover A. Yarbrough	705	412	05/31/1977		
2	АН	3	9	8	7	3	0	8	10/19/1976	John Burch	307	41	06/16/1975		
	Al														
	AJ							1					·	_	
	AK			-											
									Foreign	Patent Documents					
										Country	Class	Subclass	Trans	ation	
													Yes	No	
	AL														
	AM														
	AN														
	AO										_				
	AP								·						
					the	r Pı	rior	Art	(Including, A	uthor,Title, Date,Pertine	nt Pages, e	etc.)			
	AR														
	AS			_		Ш									
	AT		ļ												
	AU														
	AV						ļ								
	AW														

Examiner Chan

Date Considered

611103

Dufficate

Sheet 2 of 2 Form PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET No. Serial No. 09/681,425 (Rev. 7-80) Patent and Trademark Office Customer No. 006152 03PM-9035 LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary) Filing Date 03/30/2001 Group U.S. Patent Documents Examine **Document Number** Date Name Class Subclass Filing Date if r Initial Appropriate Mc AA 9 Ò 0 7 02/13/1990 Timothy D. Sworm 324 08/31/1988 110 ΑB 2 08/08/1989 Paul M. Huddleston et al 295 03/20/1987 Mic 700 8 3 5 7 05/18/1989 John T. Lynch et. al. M AC 0 210 10/13/1987 310.06 6 2 0 02/17/1987 R. Stephen Carr et. al. 09/14/1984 he AD 4 4 31 <u>340</u> ML AE 5 6 8 2 04/22/1986 Orlando Hernandez 236 46 R 03/22/1984 m AF 2 0 11/27/1984 Thomas K. McHugh 65 11-1 6 10/29/1981 4C 5 08/08/1978 Grover A. Yarbrough AG O 4(2: 05/31/1977 705 Lι 8 10/19/1976 John Burch AH 3 9 3 O 3**-07** 41 08/16/1975 Al AJ AK Foreign Patent Documents Document Number Date Country Class Subclass Translation Yes No AL AM AN AO AP Other Prior Art (Including, Author, Title, Date, Pertinent Pages, etc.) AR AS ÄT ÂÜ AV ĀW Examiner Date Considered

6/11/03

Duplicate

Form PTO-14	110		IĖ	DEE	3 A 10'	TAAE	NIT (<u> </u>	COMMERCE	ATTV DOOKST N			set 1 of 2	
(Rev. 7-80)	+++3	١,							k Office	ATTY, DOCKET N	Serial No. 09/681,425			
(02014 0025	Customer No. 006152			
										03PM-9035				
LISTO	E PRI	OR	ΔR	TC	HTE	:n	4 V A	ΔPI	PLICANT	APPLICANT	-1			
2.0.0		•					. ,		LIG. III	Karanam et	aı.			
(Use several sheets if necessary)										Filing Date 03/30/2001 Group		Group		
											<u> </u>			
F						.				. Patent Documents	· · · · · ·	T=		
Examiner		Document Number Date							Date	Name	Class	Subclass	Filing [
Initial		.											Appropriate	
											1	1		
he	AA	6	3	1	1	1	0	5	10/30/2001	Lothar E.S. Budike, Jr.	700	291	05/29/	1008
Mc	AB	6	2	8	9	2	6	7		James O. Alexander et. al.	700	286	03/19/	
μ	AC	Ĝ	1	8	5		· 8	3		Kirk H. Drees	700	295	01/27/1998	
ML	AD	6	1	2	2	6	0			Lothar E.S. Budike, Jr.	702	182	06/10/	
he	ΑE	6	0	2	4	7	4	1	02/15/2000	Warren P. Williamson et al	606	40	03/05/1997	
M	AF	5	9	8	6	5	7	4	11/16/1999	Laurence J. Colton	340	870.02	04/23/1998	
m	AG	5	8	8	0	6	5	3		William W. Kelly	239	5	04/23/1998	
he	AH	5	6	2	7	7	5	9		Michael K. Bearden et. al.	702	62	05/31/1995	
M	Al	5	5	7	2	4	3			Gregory A. Ehlers et. al.	700	295	01/05/	
M	AJ	5	3	8	4	9	9	4		Paul A. Borba	52	261	03/16/	
щ	AK	4	9	2	4	4	0	4		Karl L. Reinke Jr.	705	412	04/11/	1988
		_			4	.	- 1	_		gn Patent Documents	Tar			
)OCL	ıme	ent	Nur	nbe	r	Date	Country	Class	Subclass	Translation	
	AL			_		<u> </u>		···			<u> </u>		Yes	No
	AM	Н	\dashv		\vdash	\vdash	-				+	 	~~~~~~	
_	AN	\vdash	\dashv	-	-	\exists		_		~~~				
	AO		\dashv	\supset			\dashv					 		-
	AP	7	-1			Н	\dashv			***************************************	 	1		\vdash
					Ot	her	Pric	or A	rt (Including,	Author, Title, Date, Pertinent	Pages, etc.)		L
	AR										1			
	AS										<u> </u>		-	
	AT													
	AU							_						
	AV	Ш				5								
	AW	لــا				Ш				*				
	Exam	ine	r							Date Considered				

Moland Oher

6/11/03